

## CLAIMS

What is claimed is:

- 1 1. A biped toy that can walk on two feet, comprising:
  - 2 symmetrically disposed leg portions and arm portions moved by a driving means in
  - 3 the interior of a torso,
  - 4 wherein said driving means of a motor or a power spring type is disposed in the
  - 5 interior of said torso,
  - 6 wherein foot portions to be rotated in a rolling direction of a toy main body are
  - 7 positioned in the lower of said torso, and said leg portions to be driven in forward, rearward,
  - 8 up and down directions of said toy main body are disposed therein,
  - 9 wherein a first link member of said leg portions is driven by making circular motion
  - 10 with maintaining a mounting angle against said torso in the interior of said leg portions and
  - 11 said torso, and a second link mechanism of said foot portions comprises a link member which
  - 12 is driven by moving up-and-down,
  - 13 wherein a shift of weight of said toy main body is taken forward by a step another leg
  - 14 portion in the situation of lifting a center of gravity of said toy main body on one leg portion,
  - 15 wherein a step forward by a leg portion is taken by a shift of weight of said toy main
  - 16 body by lifting a center of gravity of said toy main body on another leg portion,
  - 17 wherein said foot portions with the shift of weight of said toy main body is driven
  - 18 toward the rolling direction, and
  - 19 whereby repeating a cycle of movement which shifts the center of gravity between
  - 20 right and left of said leg portions, said toy main body can continuously walk.

1     2.     A biped toy that can walk on two feet as set forth in claim 1,  
2             wherein the first link member is supported by a rotatable cam and two assist cams  
3     which are rotatable with and following the driving of the first member by said rotatable cam,  
4     and  
5             whereby a trace of movement of the first link member in profile of said main body  
6     can make circular movement with remaining a mounting angle against said toy main body.